

FIG. 1

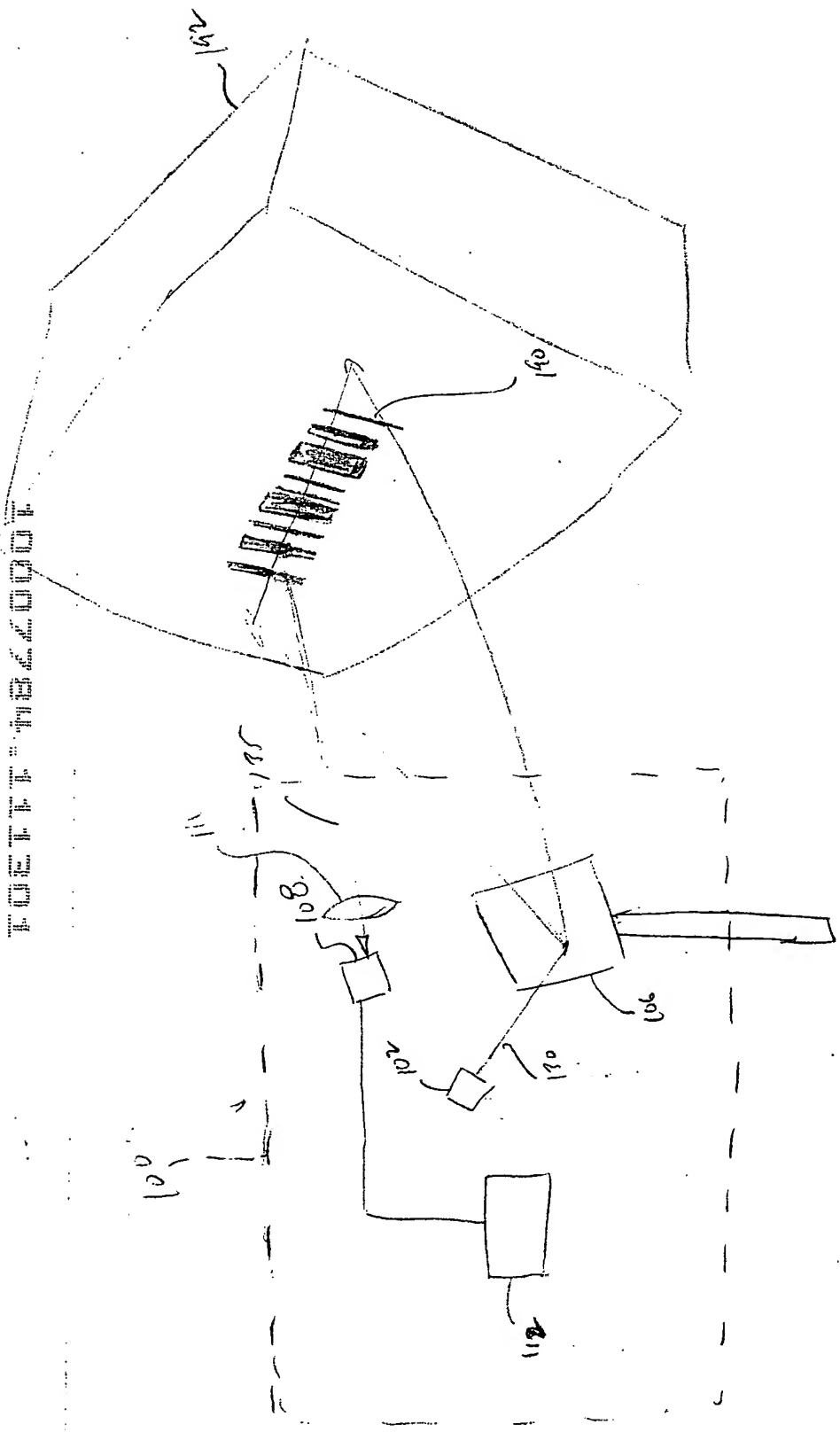


FIG. 1



FIG. 1

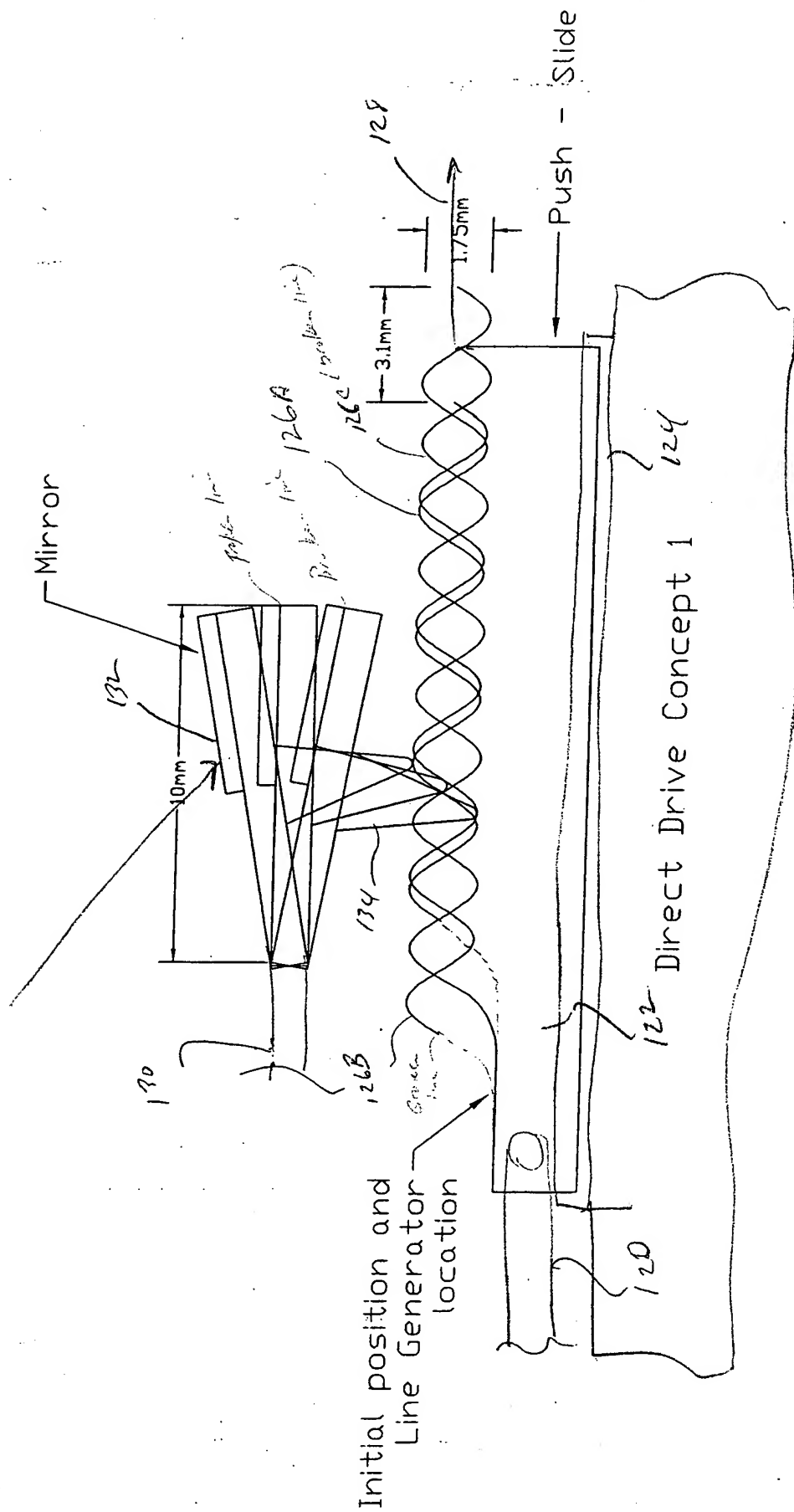
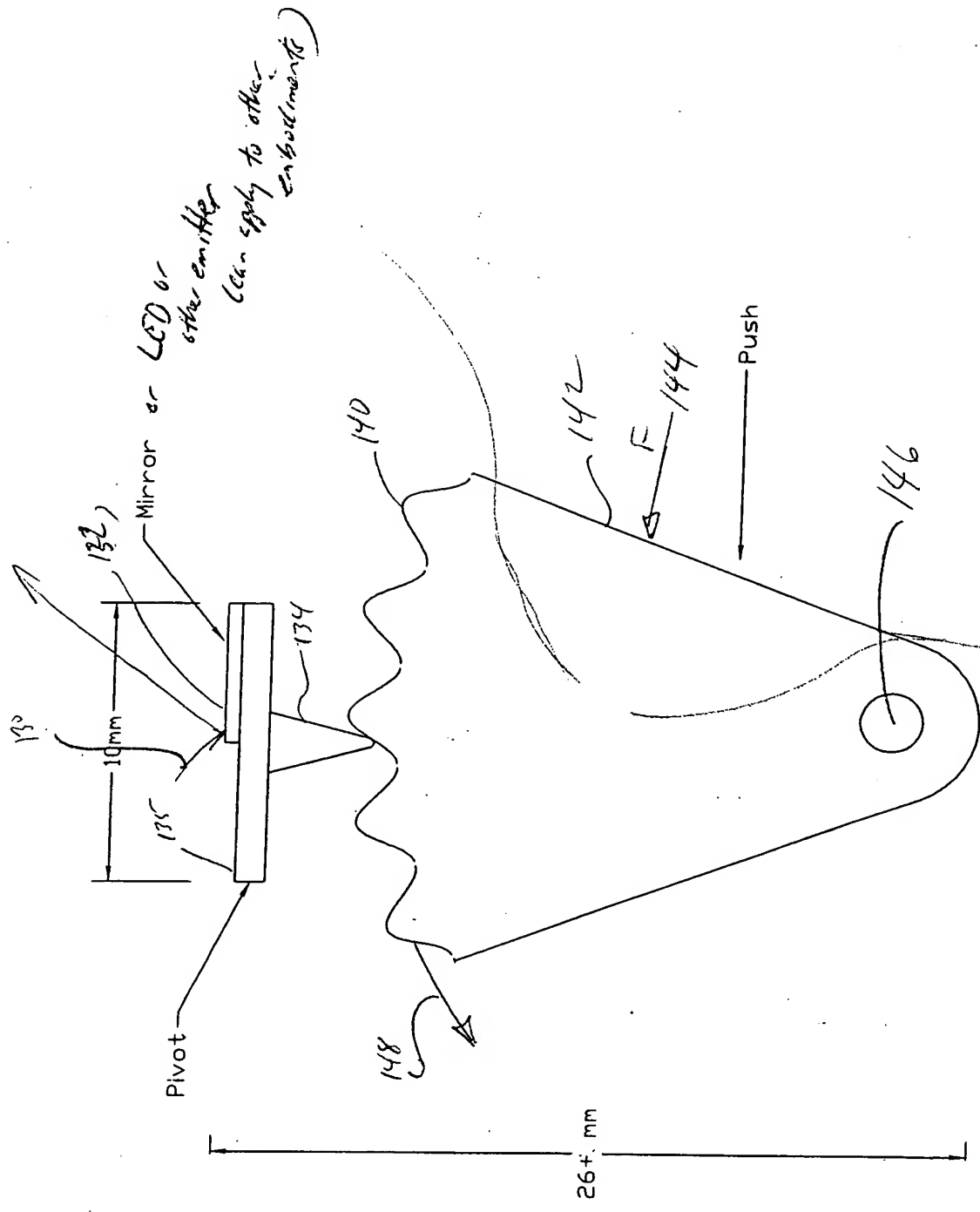
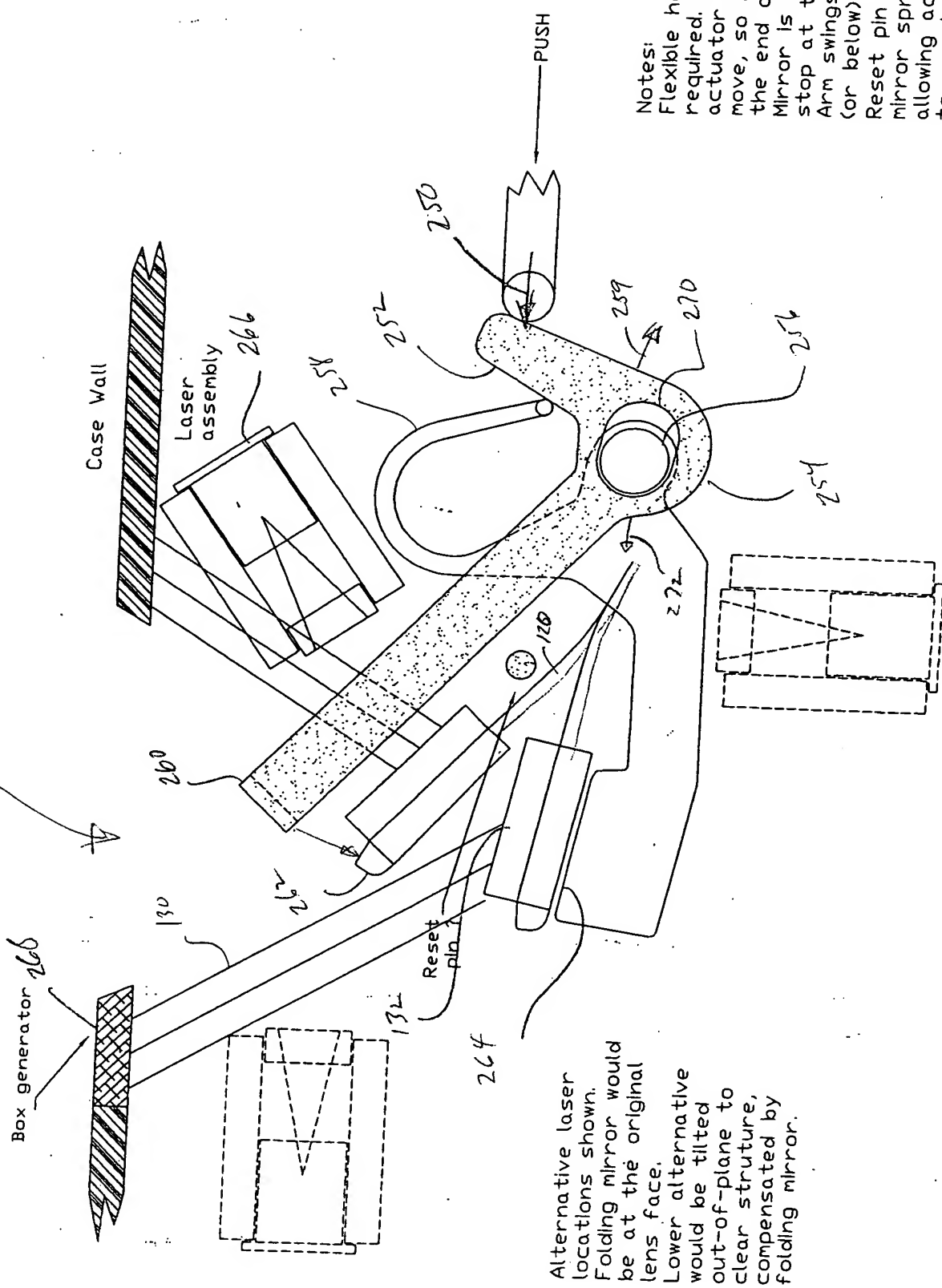


FIG. 13



Direct Drive Concept 2

24 DEPT/6000

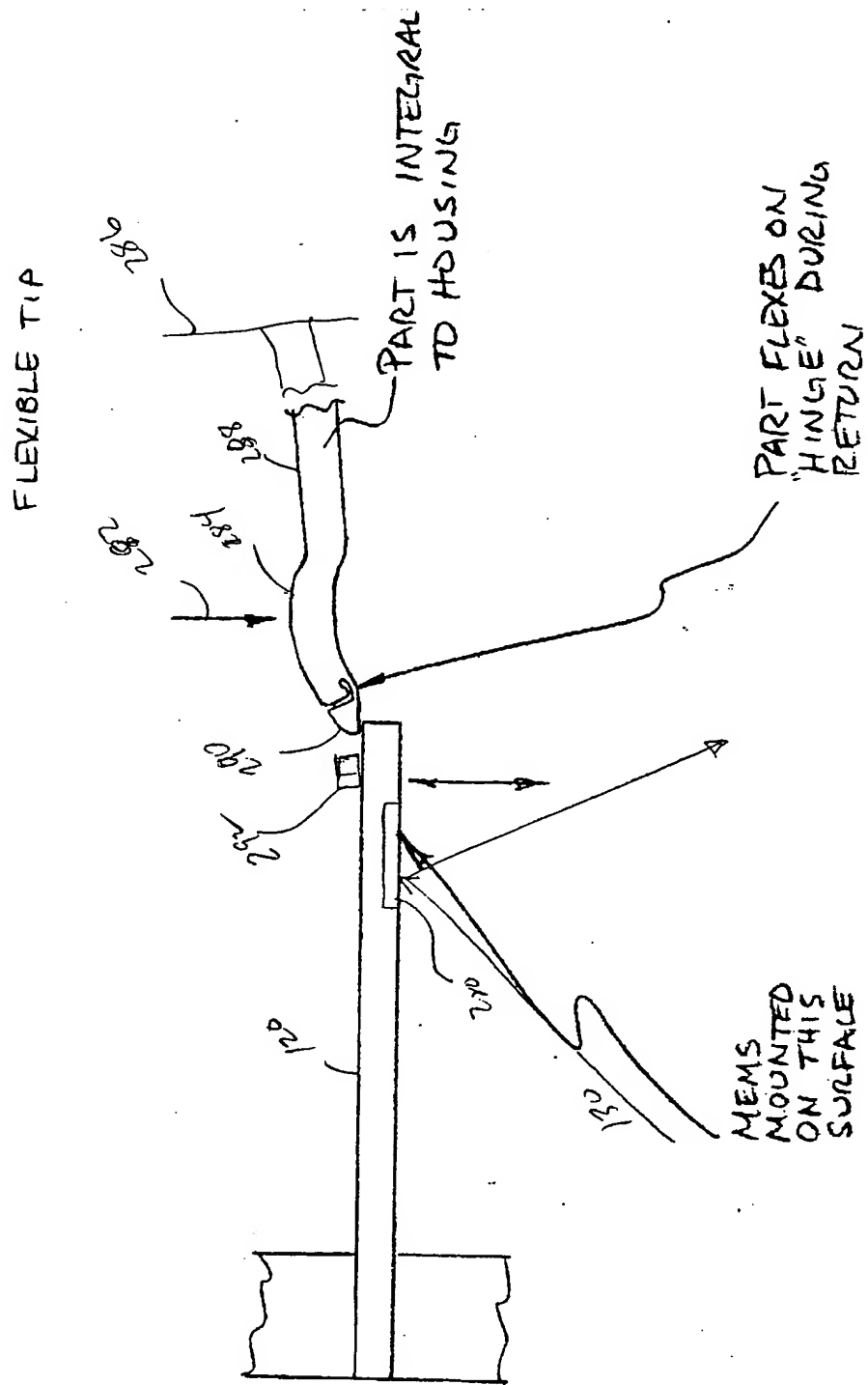


Notes:  
Flexible hook not required. Cam causes actuator arm axis to move, so hook clears the end of mirror. Mirror is against stop at that point. Arm swings above (or below) mirror. Reset pin causes mirror spring to bend, allowing actuator arm to reset.

Alternative laser locations shown.  
Folding mirror would be at the original lens face.  
Lower alternative would be tilted out-of-plane to clear struture, compensated by folding mirror.

Concept for Another Simplified Oscillating Whiskey

FIG. 6



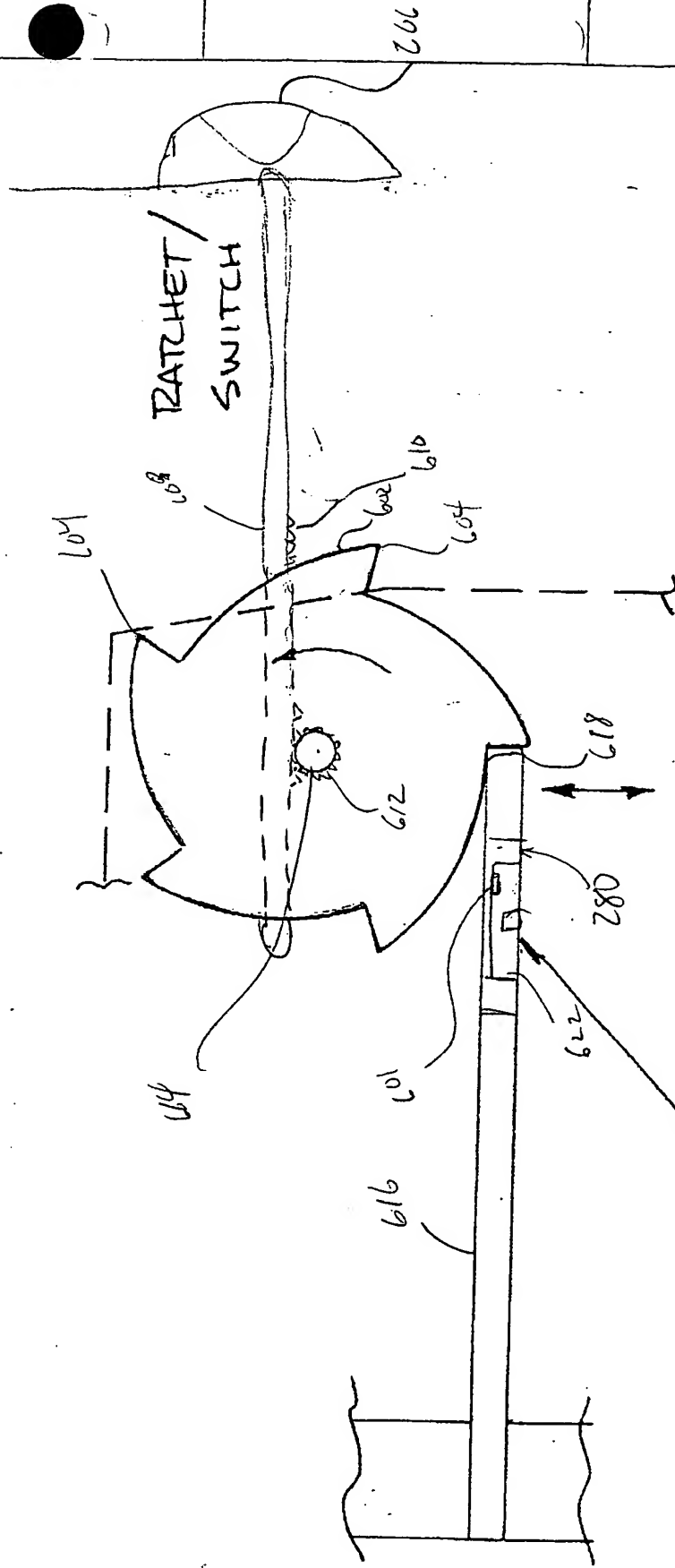
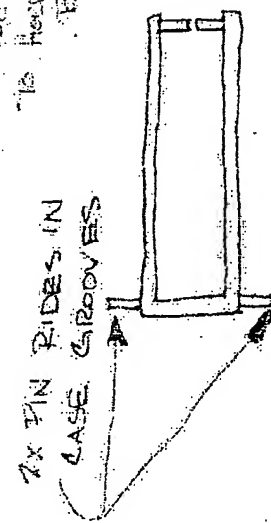
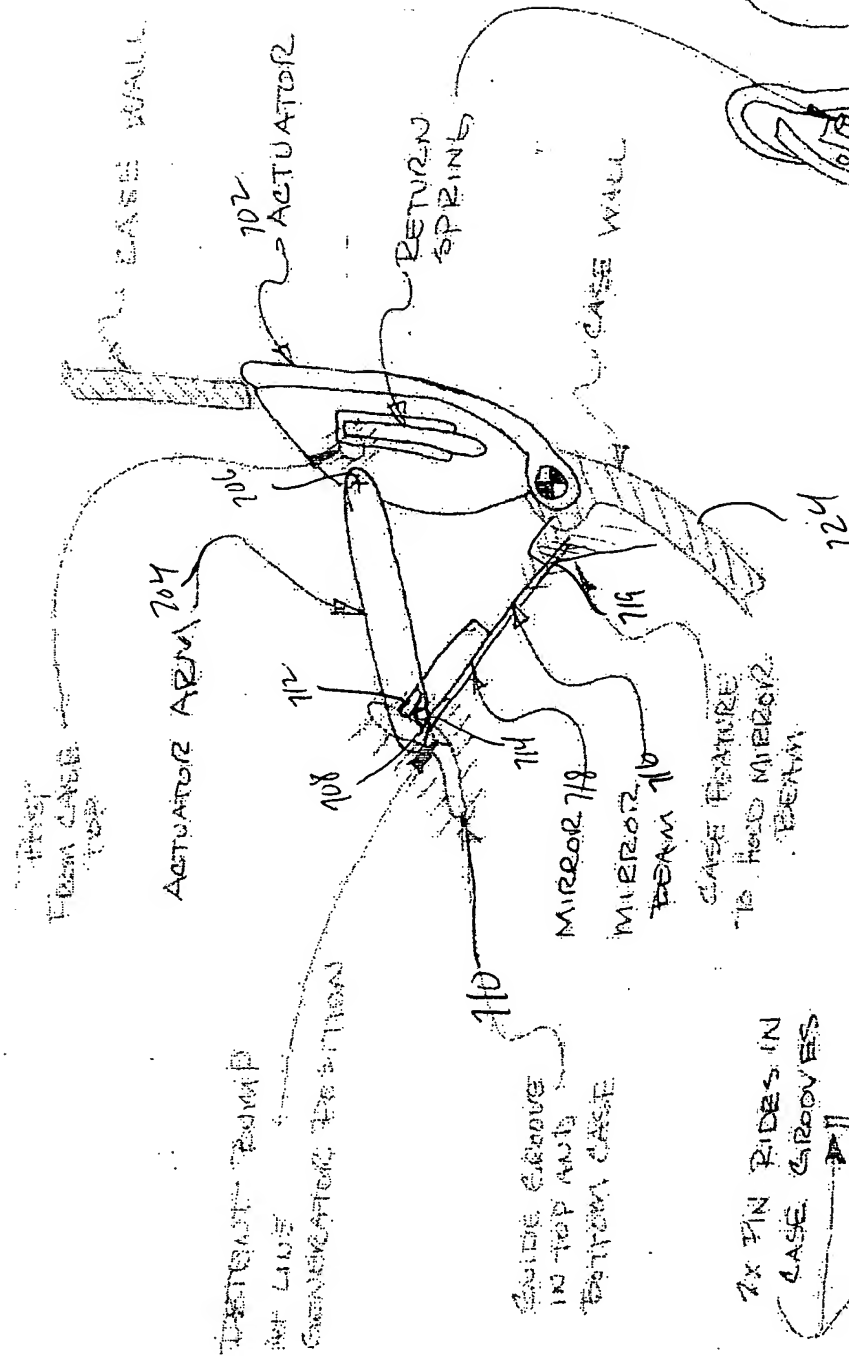
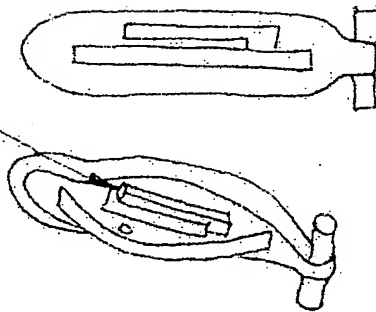


FIG. 7



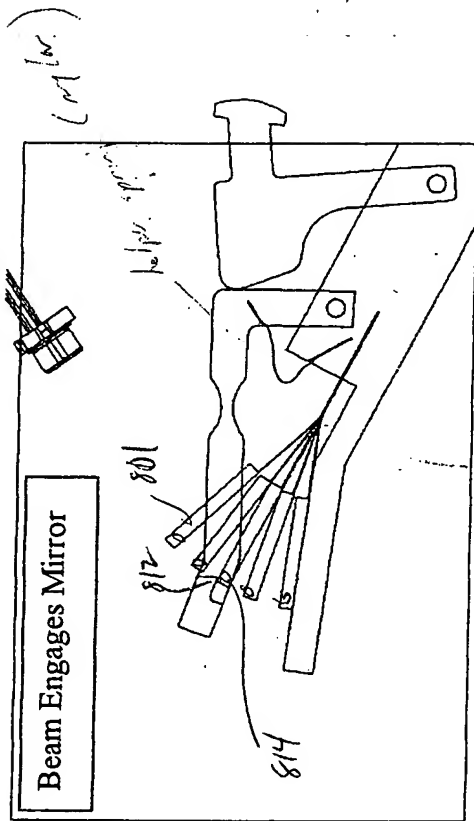
ACTUATOR ARM  
DETAIL 2



ACTUATOR  
DETAIL 1

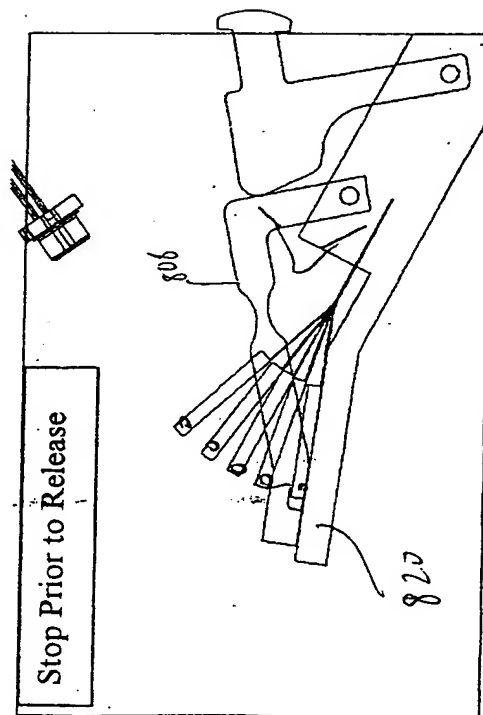


# BOOK REVIEW

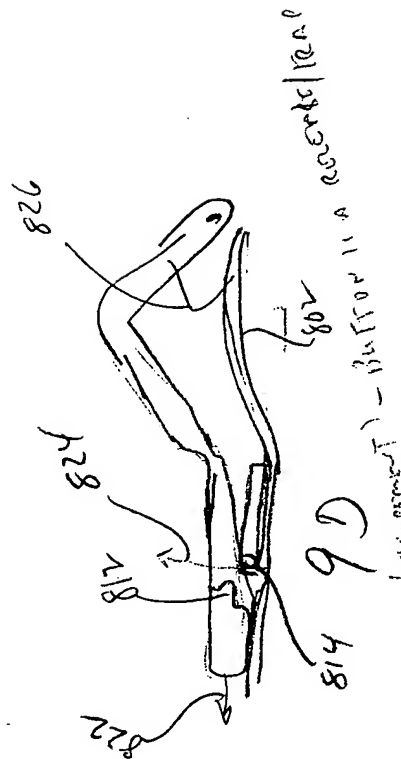


5

913 1110 1110

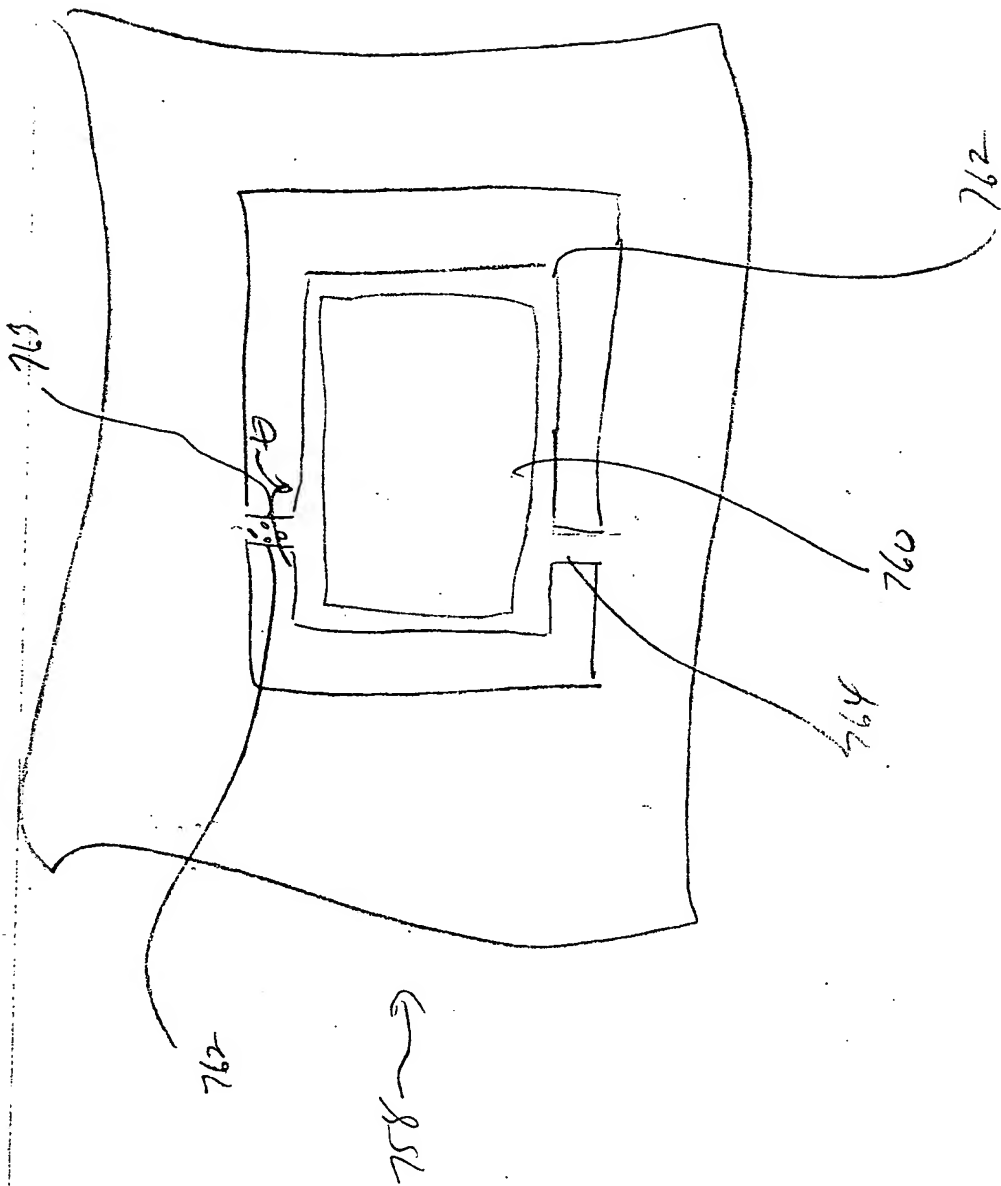


90



with me in the morning

TOE TEE TEE TEE



R 16.90

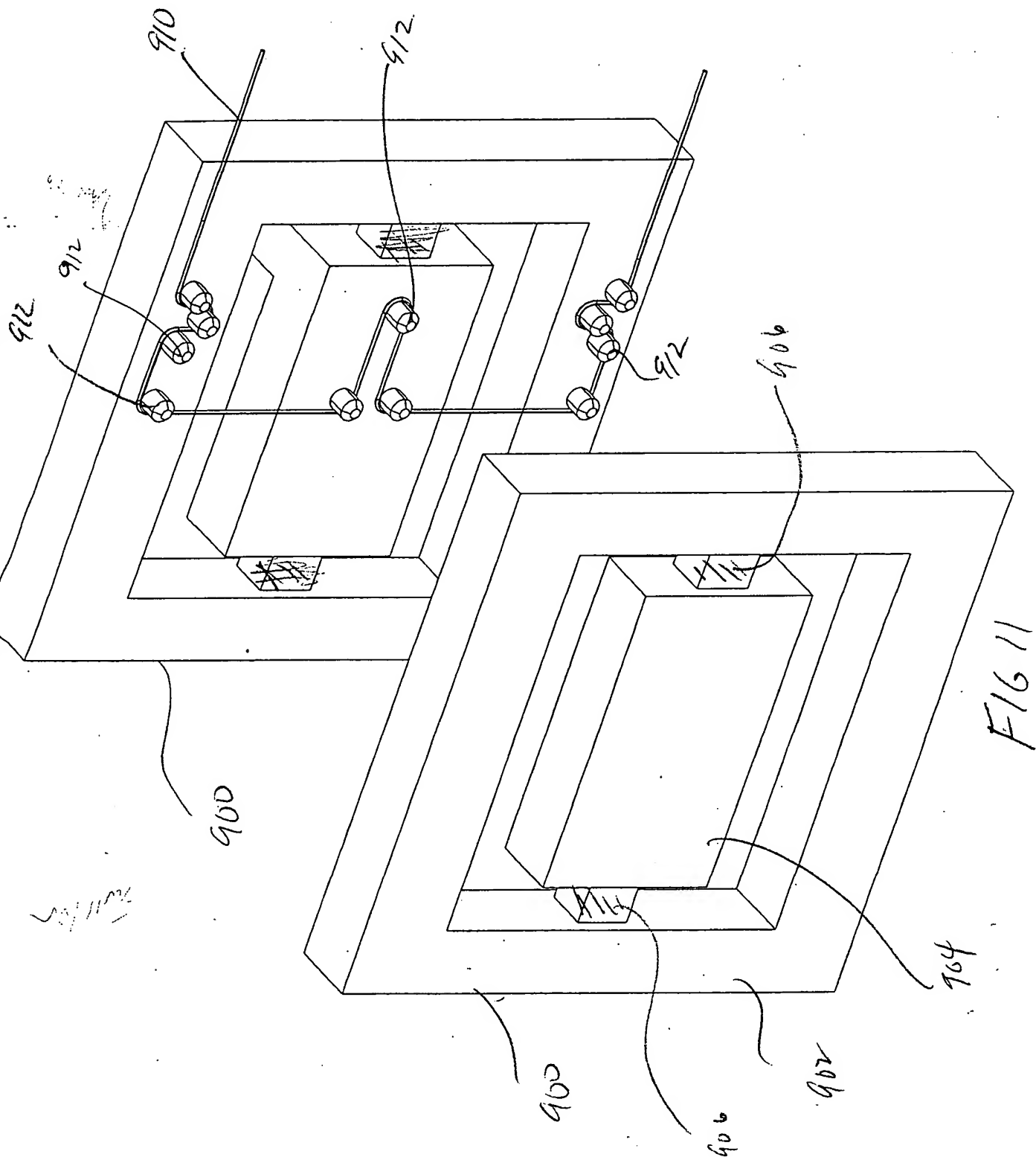


FIG. 12

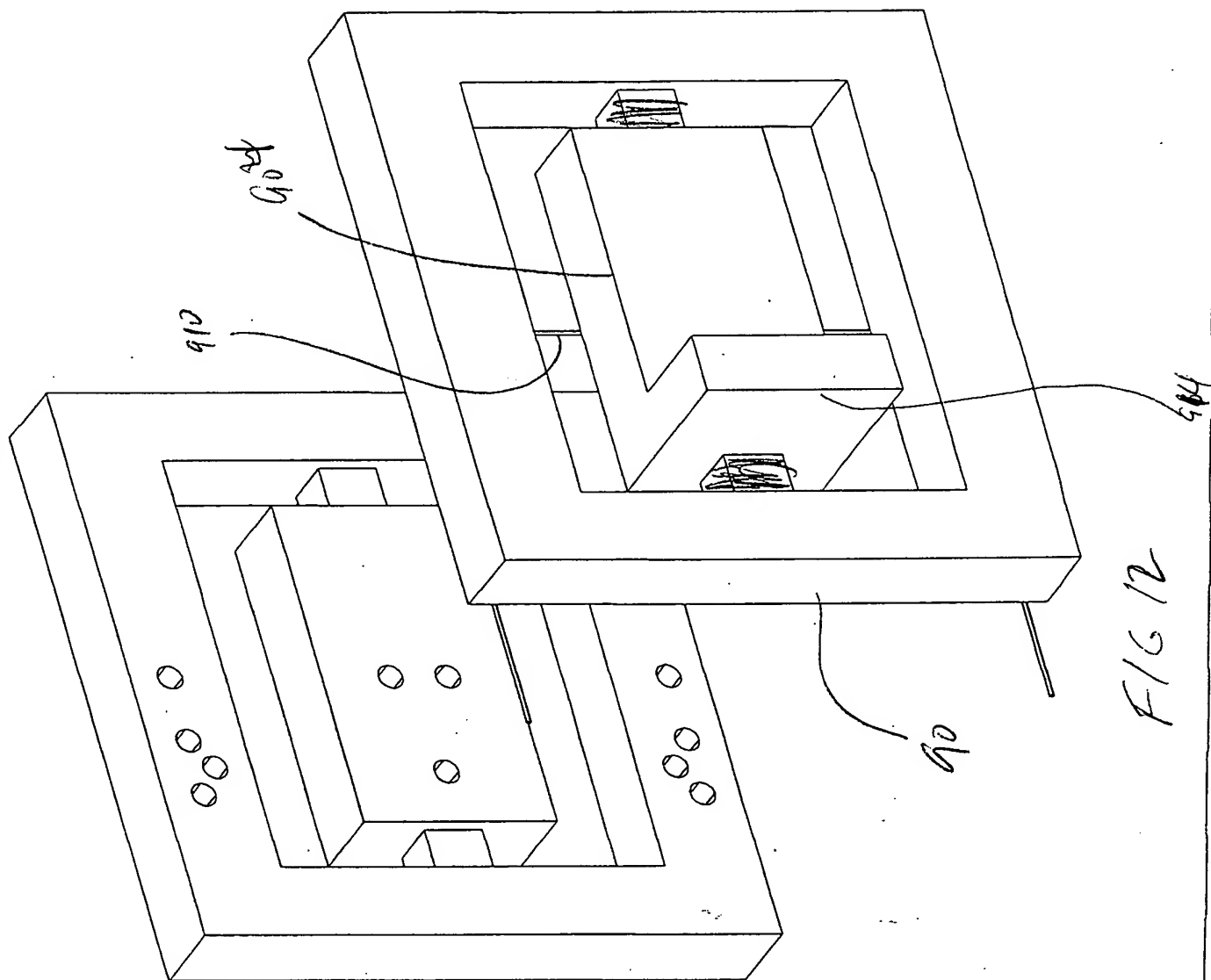


FIG 12

LEAD SCREW

1207

1210

1204

PUSH  
BUTTON

LEAD  
SCREW

RETURN  
SPRING

TOP COVER

DRIVE  
DISK

MIRROR  
POLYGON

BEARING

BOTTOM  
COVER

1212

1204

1208

1206

F/G 13



LEAD SCREW

FIG. 1

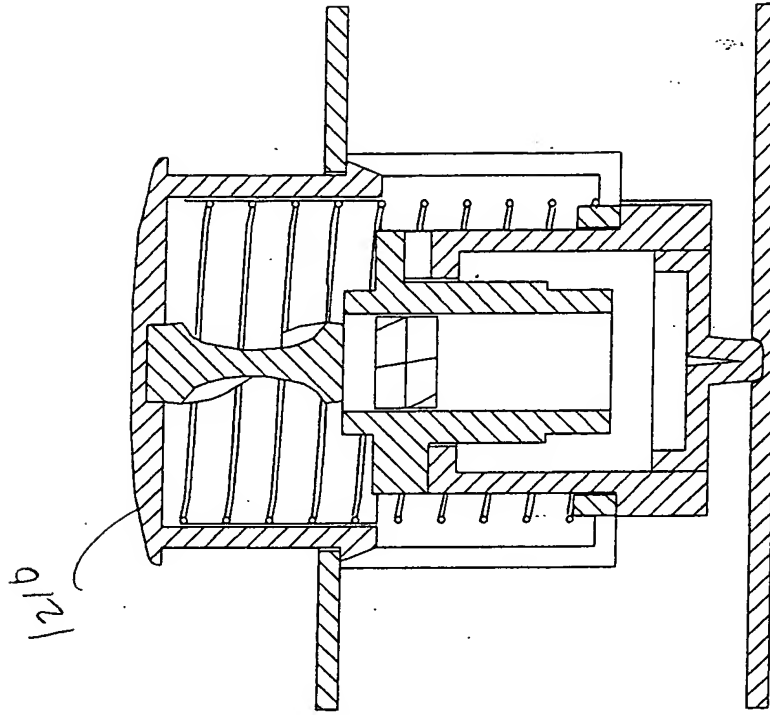
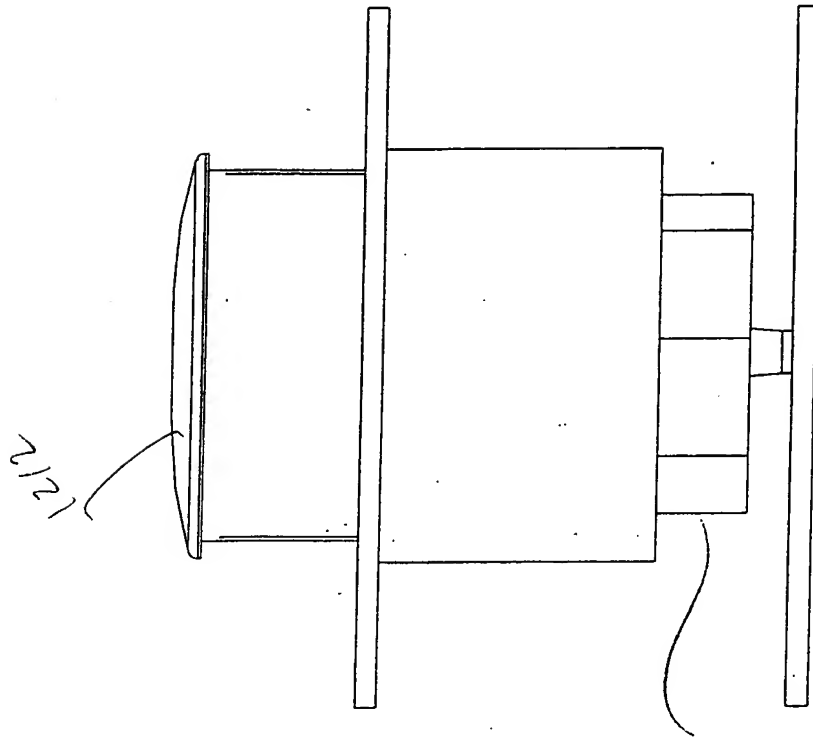
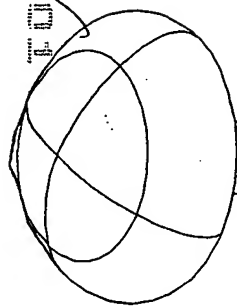


FIG. 14

LEAD SCREW

FIG. 15

1502



GEAR  
RACK

1504

1512

1514

1506

PINION

1510

BEVEL  
GEARS

ONE WAY  
CLUTCH  
BETWEEN  
BEVEL +  
POLYGON  
(NOT SHOWN)

MULTI-FACET  
MIRROR  
POLYGON

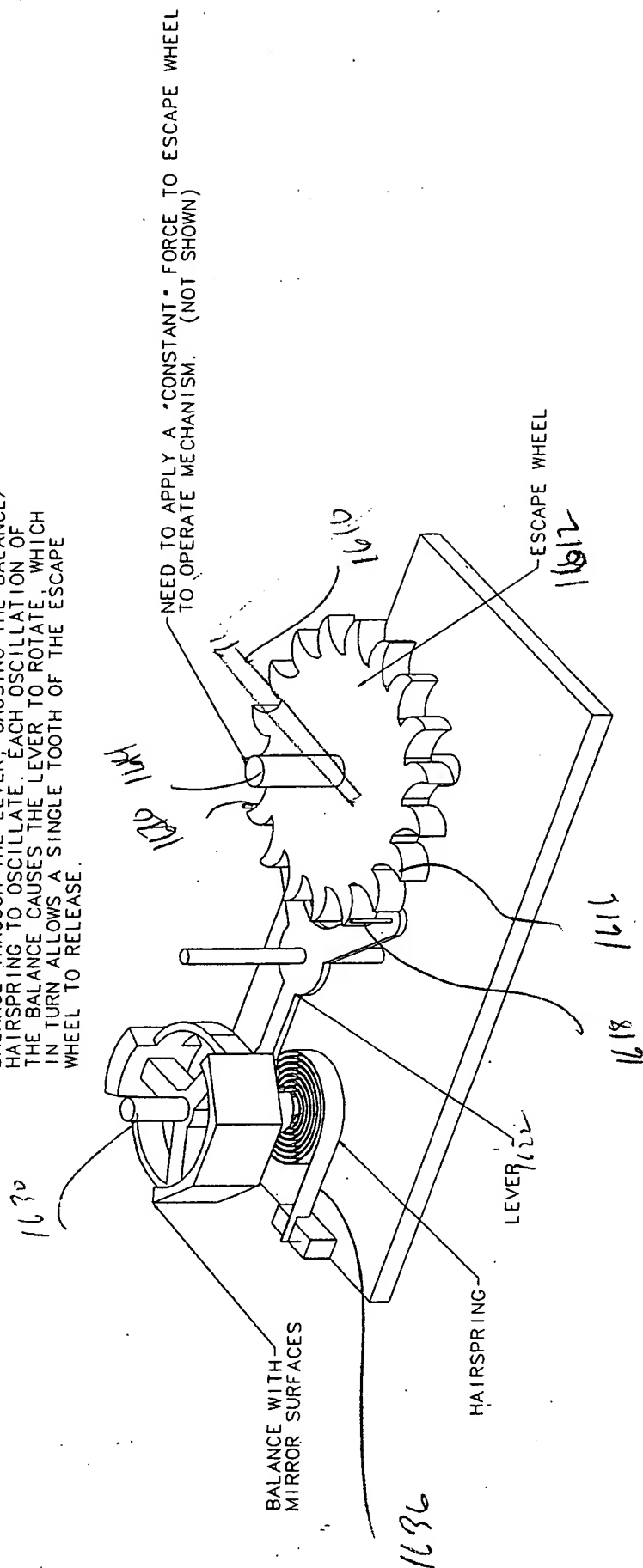


GEAR DRIVE

FIG 15

[illegible]

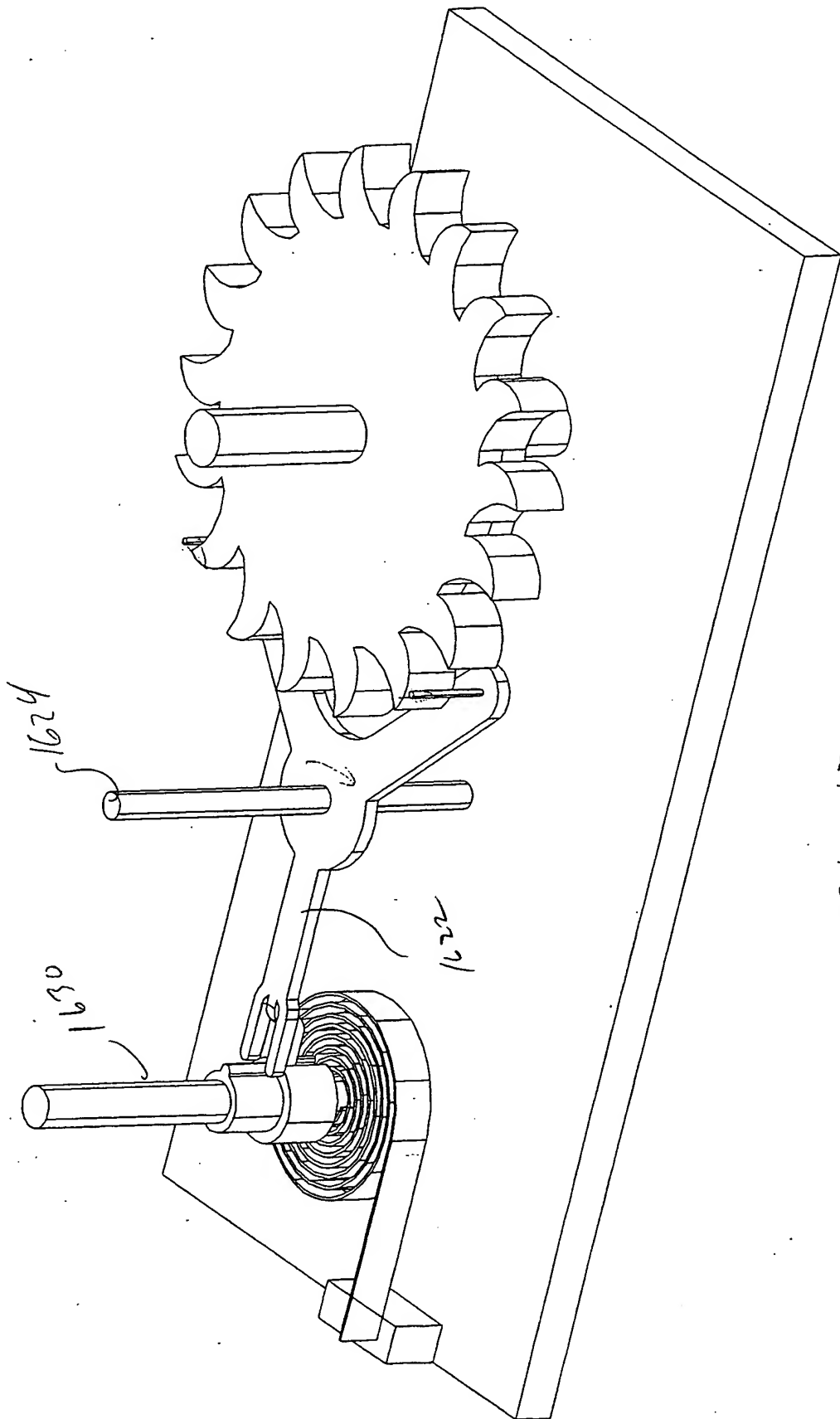
A CONSTANT FORCE IS APPLIED TO THE ESCAPE WHEEL. THE ESCAPE WHEEL PROVIDES AN IMPULSE TO THE BALANCE THROUGH THE LEVER, CAUSING THE BALANCE/HAIRSPRING TO OSCILLATE. EACH OSCILLATION OF THE BALANCE CAUSES THE LEVER TO ROTATE, WHICH IN TURN ALLOWS A SINGLE TOOTH OF THE ESCAPE WHEEL TO RELEASE.



71716



FIG. 13



F1617

FIGURE 1

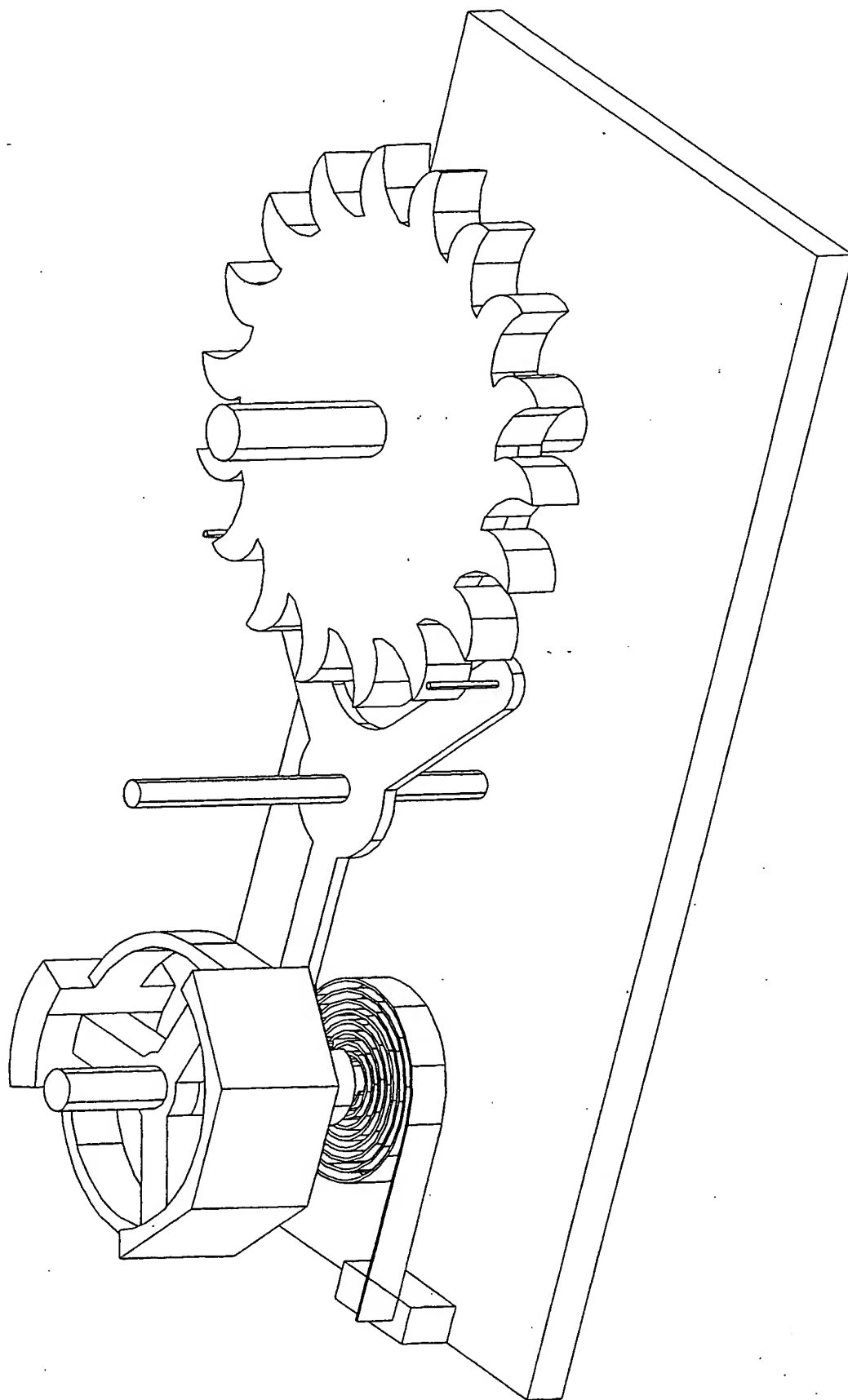


FIGURE 2

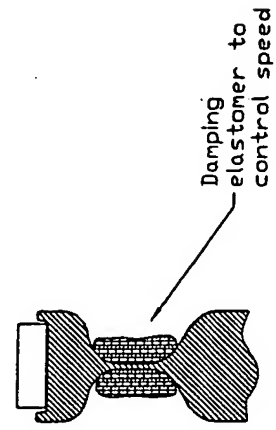
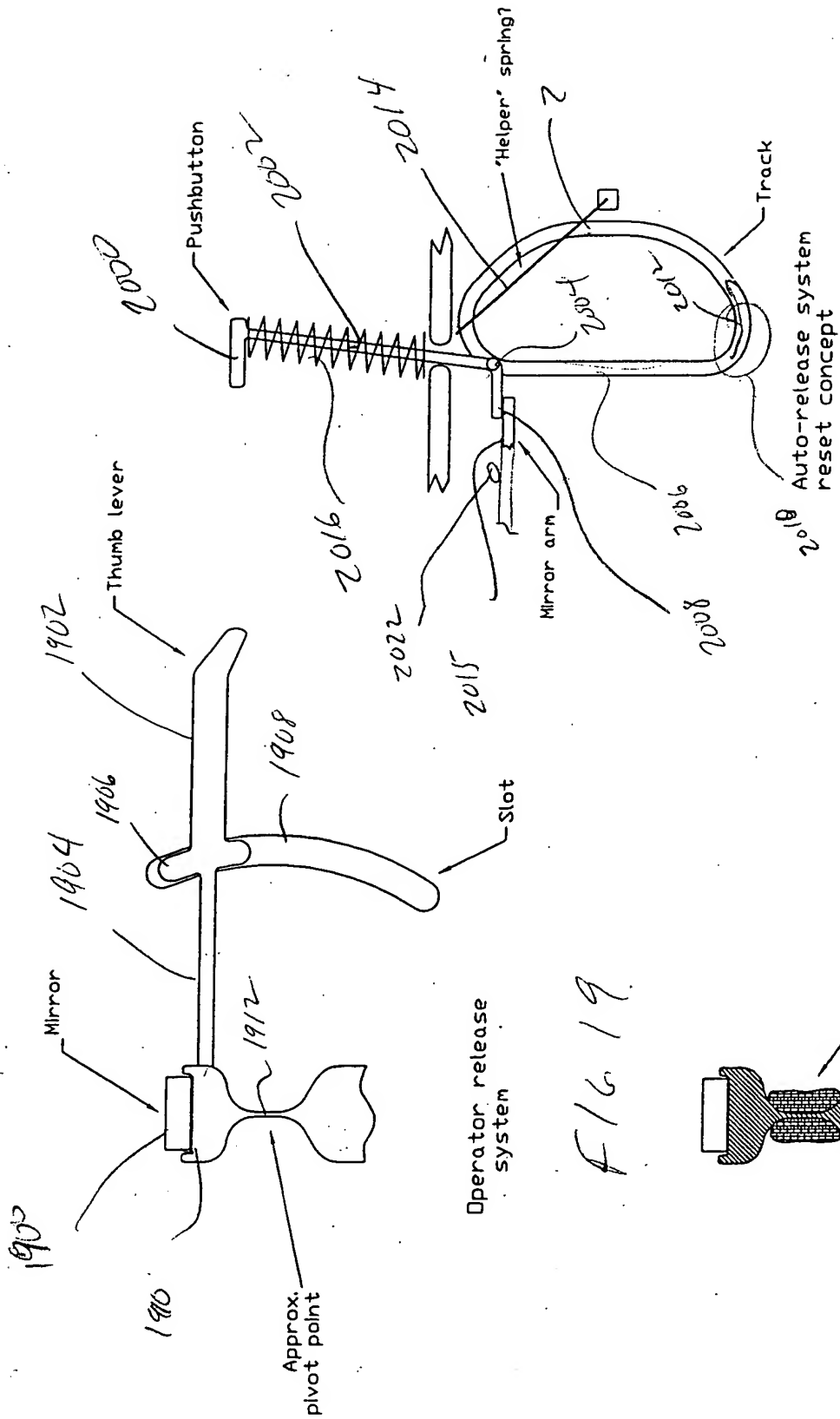


FIG. 21

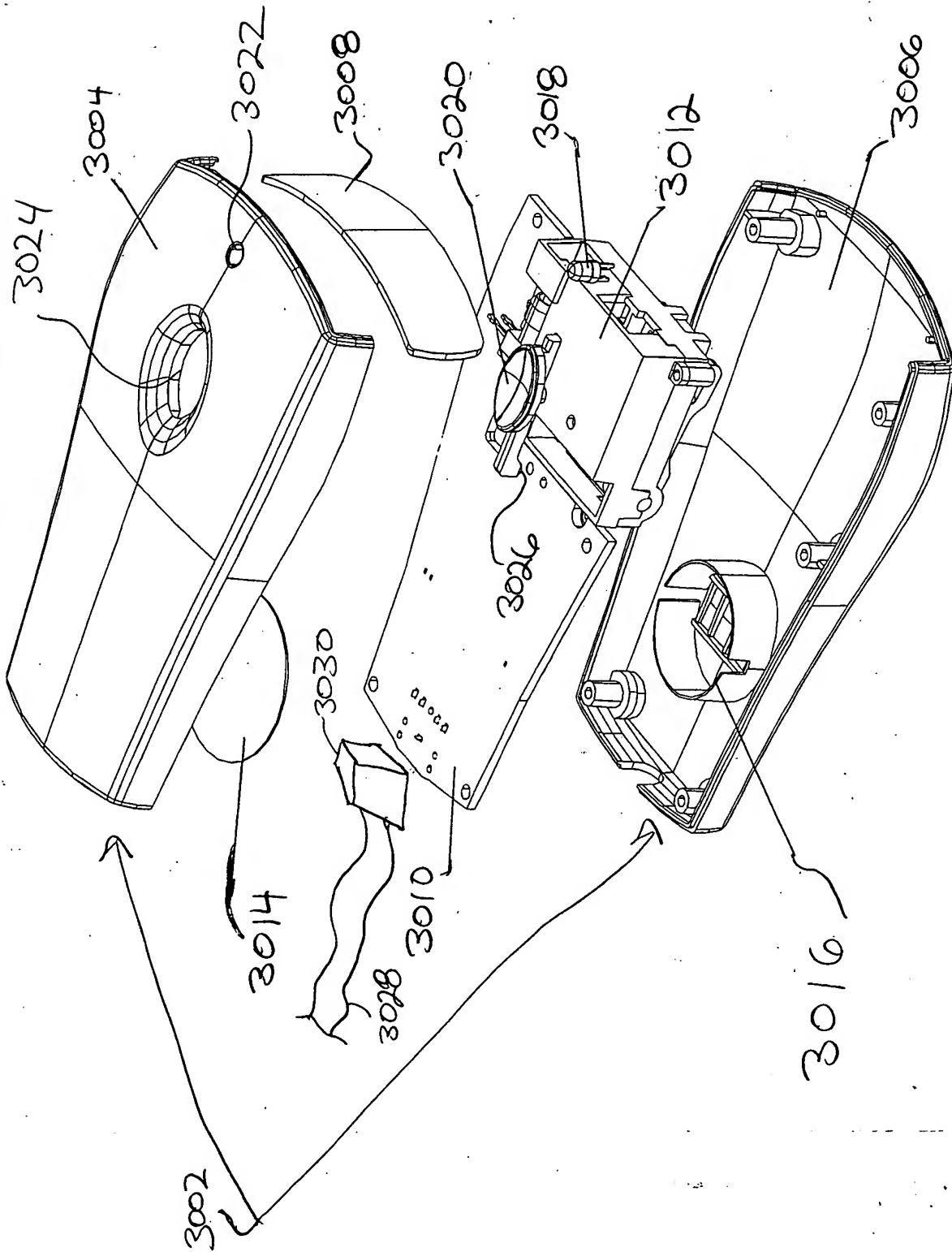


FIG. 21

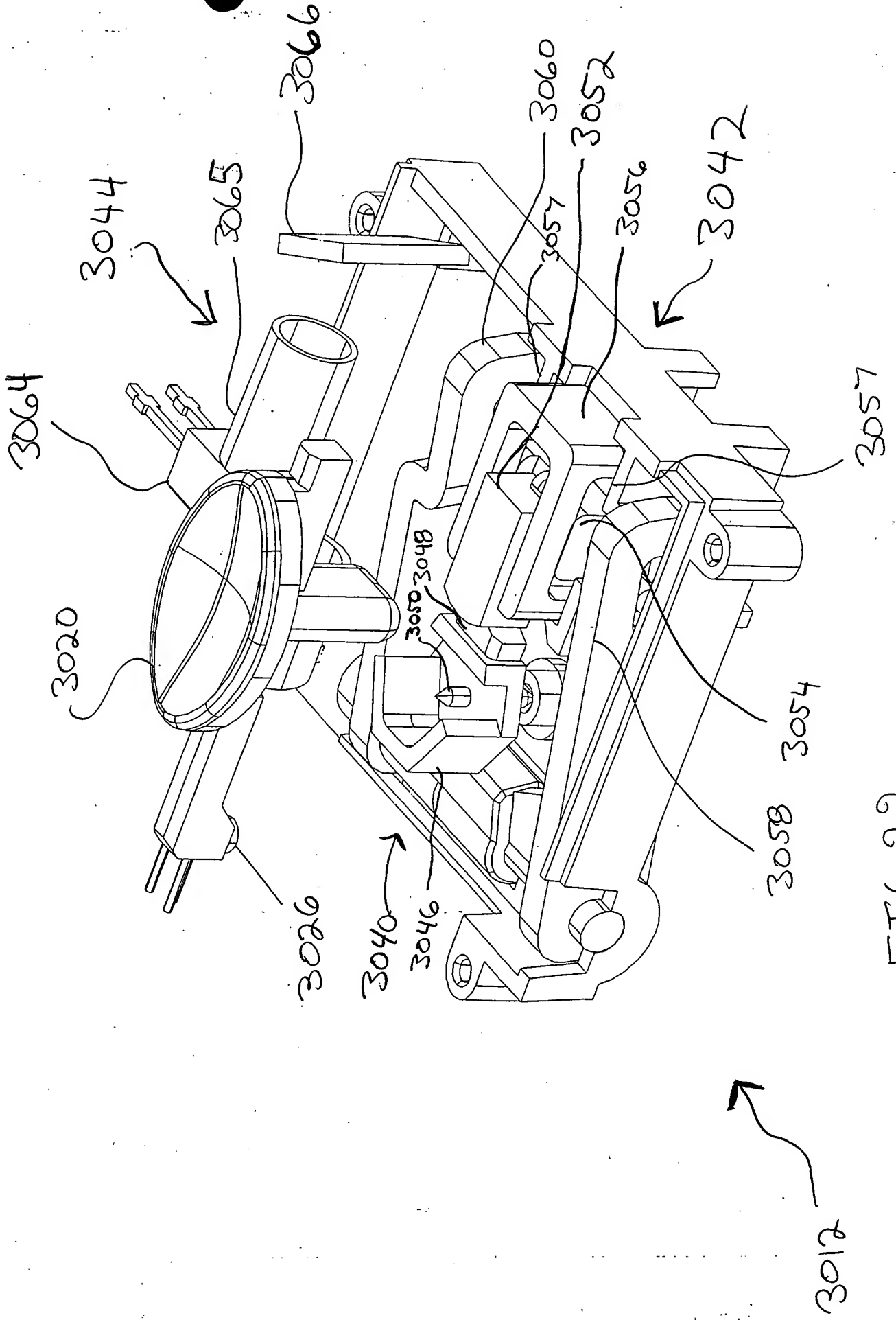


FIG. 22

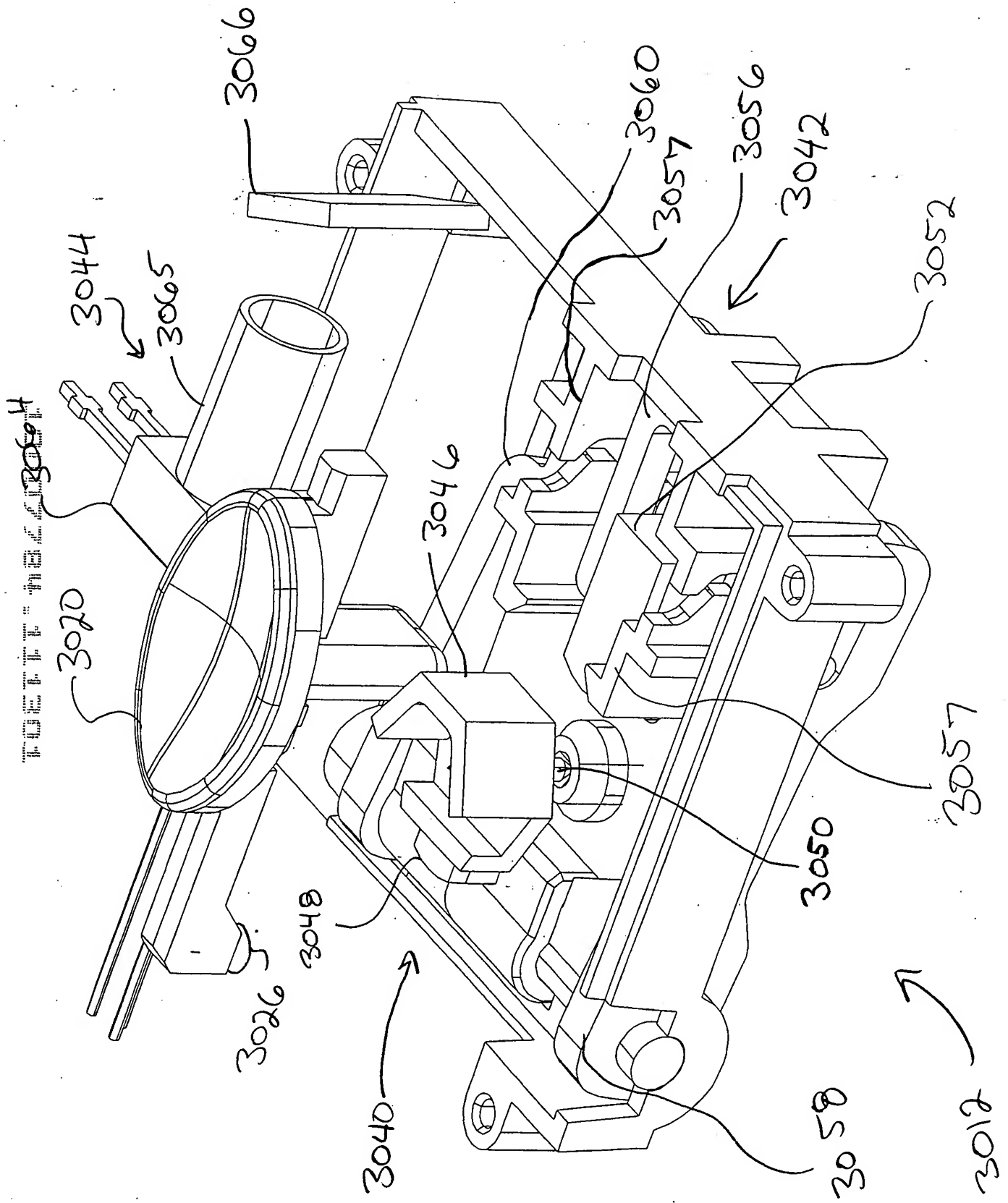


FIG. 23

FIG. 24

FFG. 24. 3057

FIG. 25A

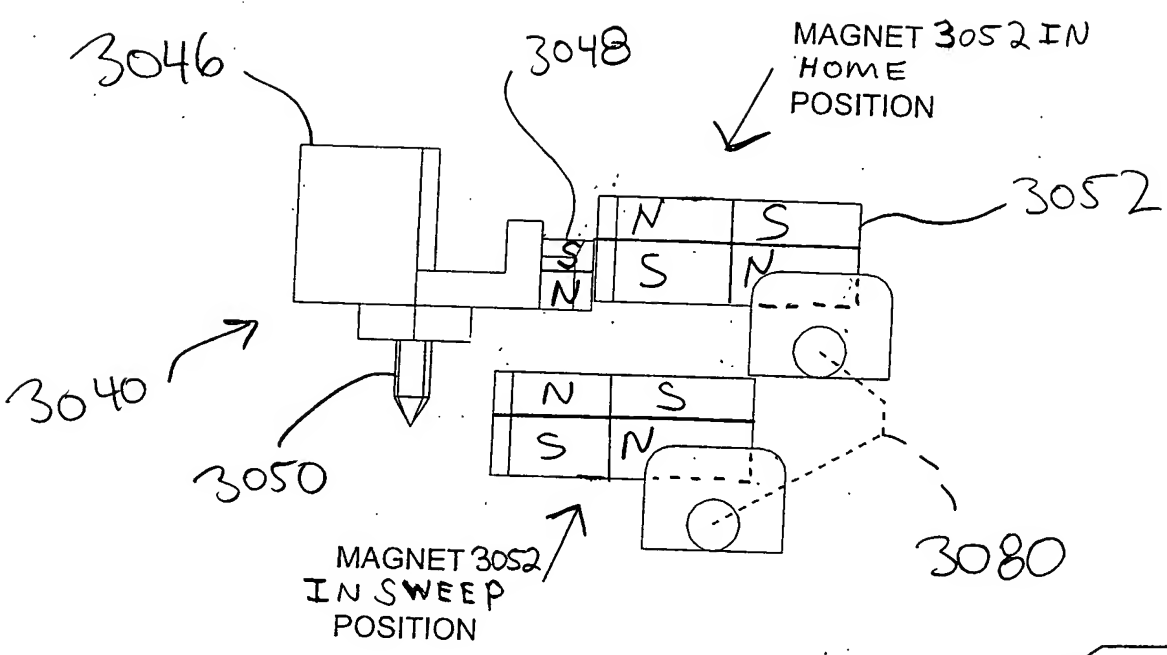
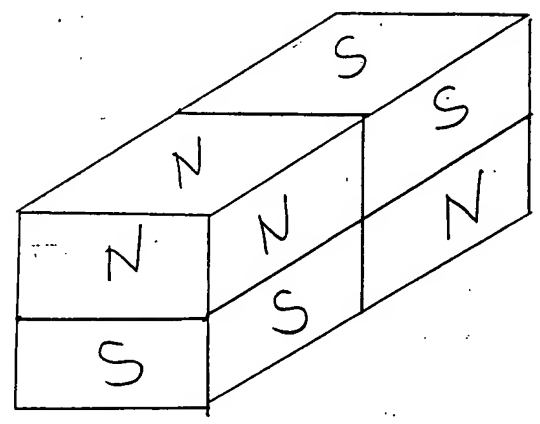
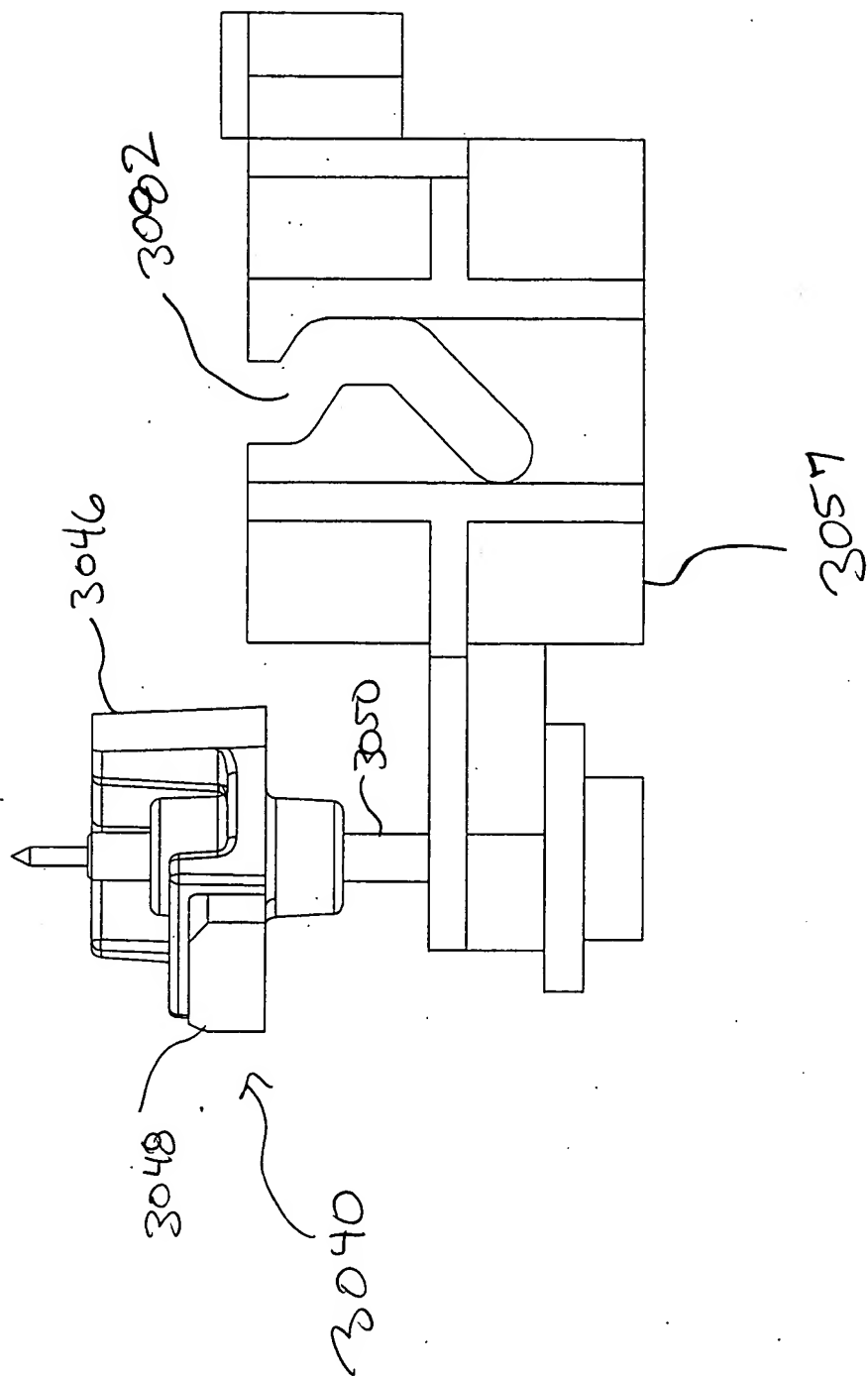


FIG. 25A

FIG. 25B





[illegible]

96. 26. 11. 11.

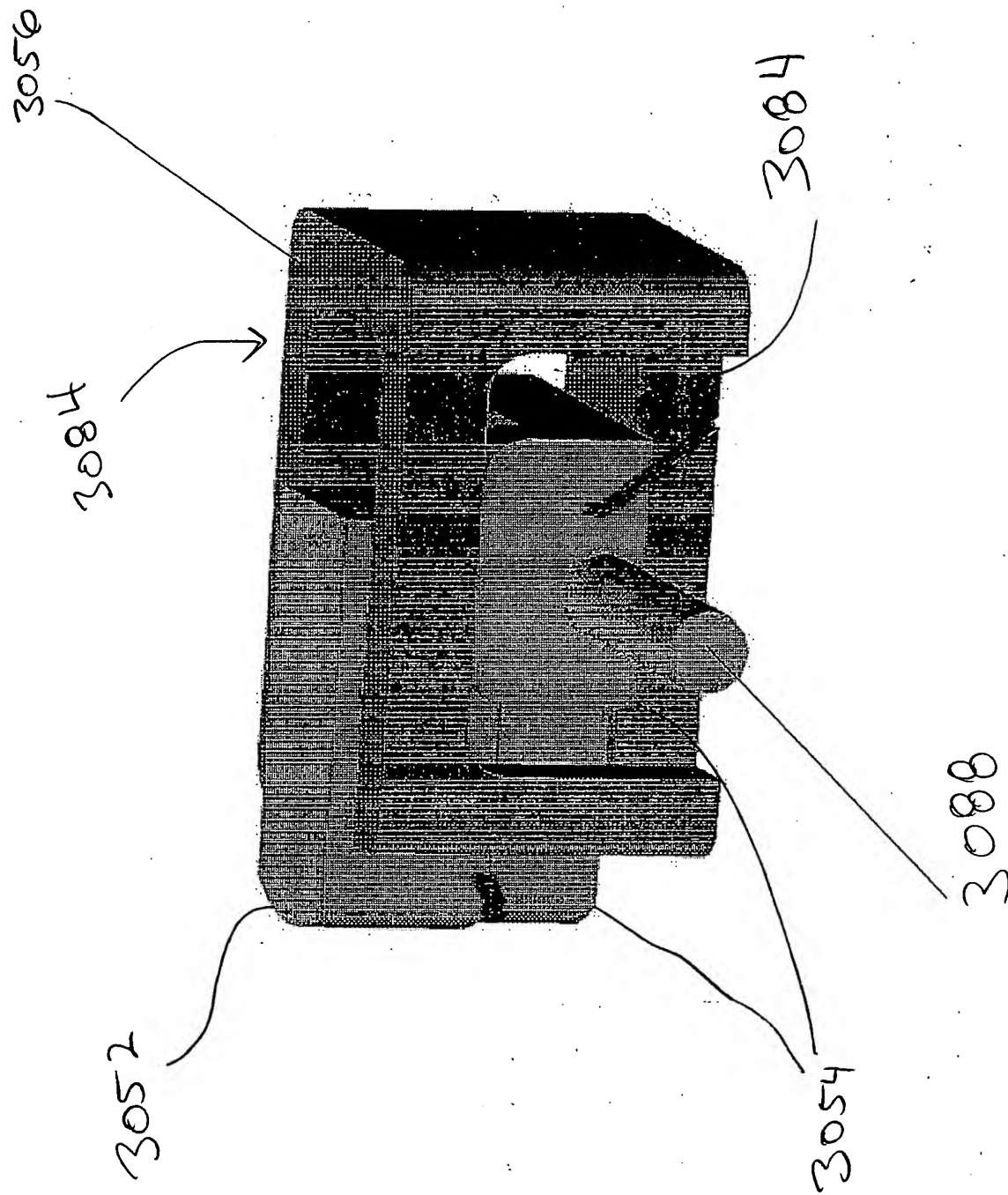


FIG. 27

FIG. 28

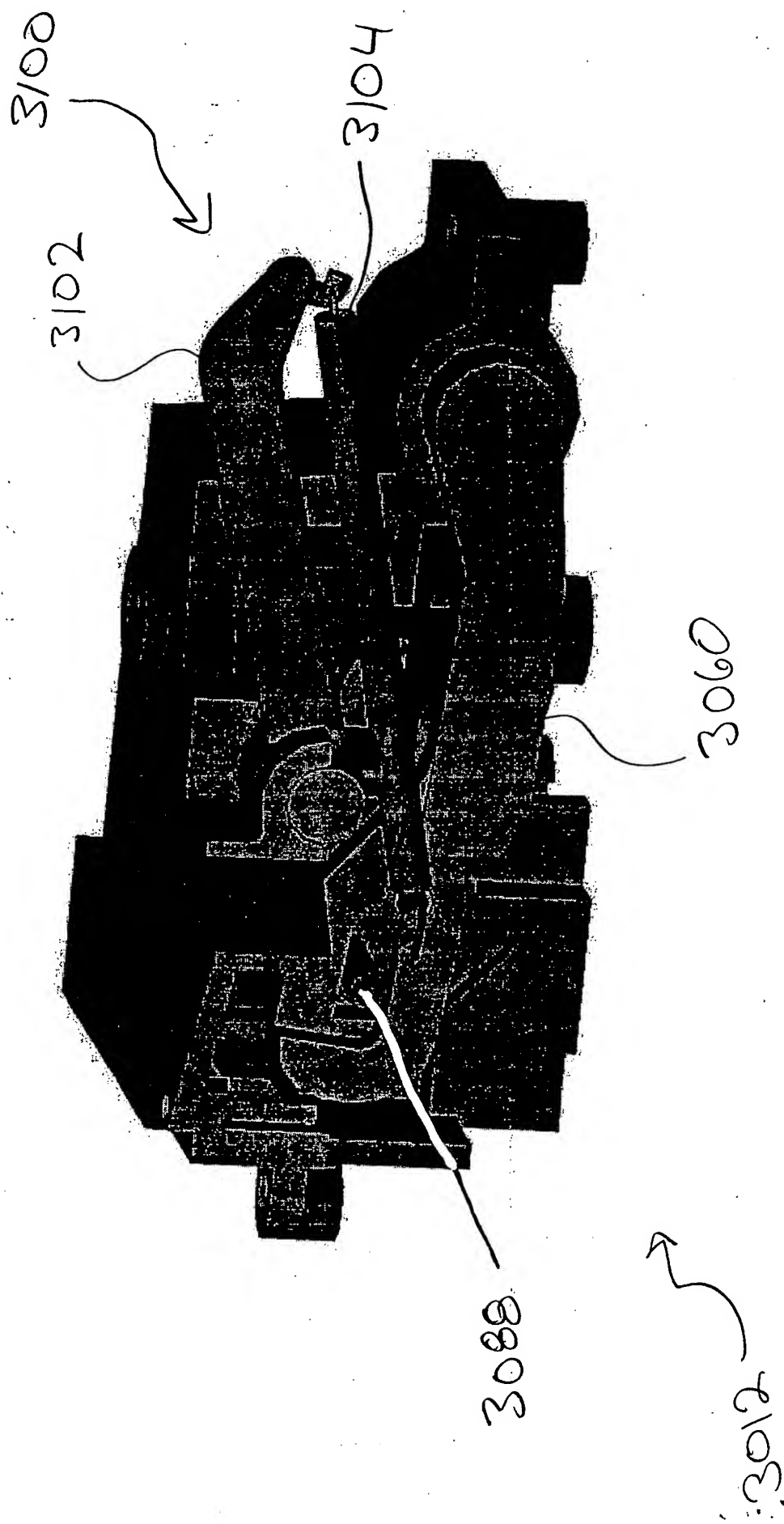


FIG. 28

FIG. 29

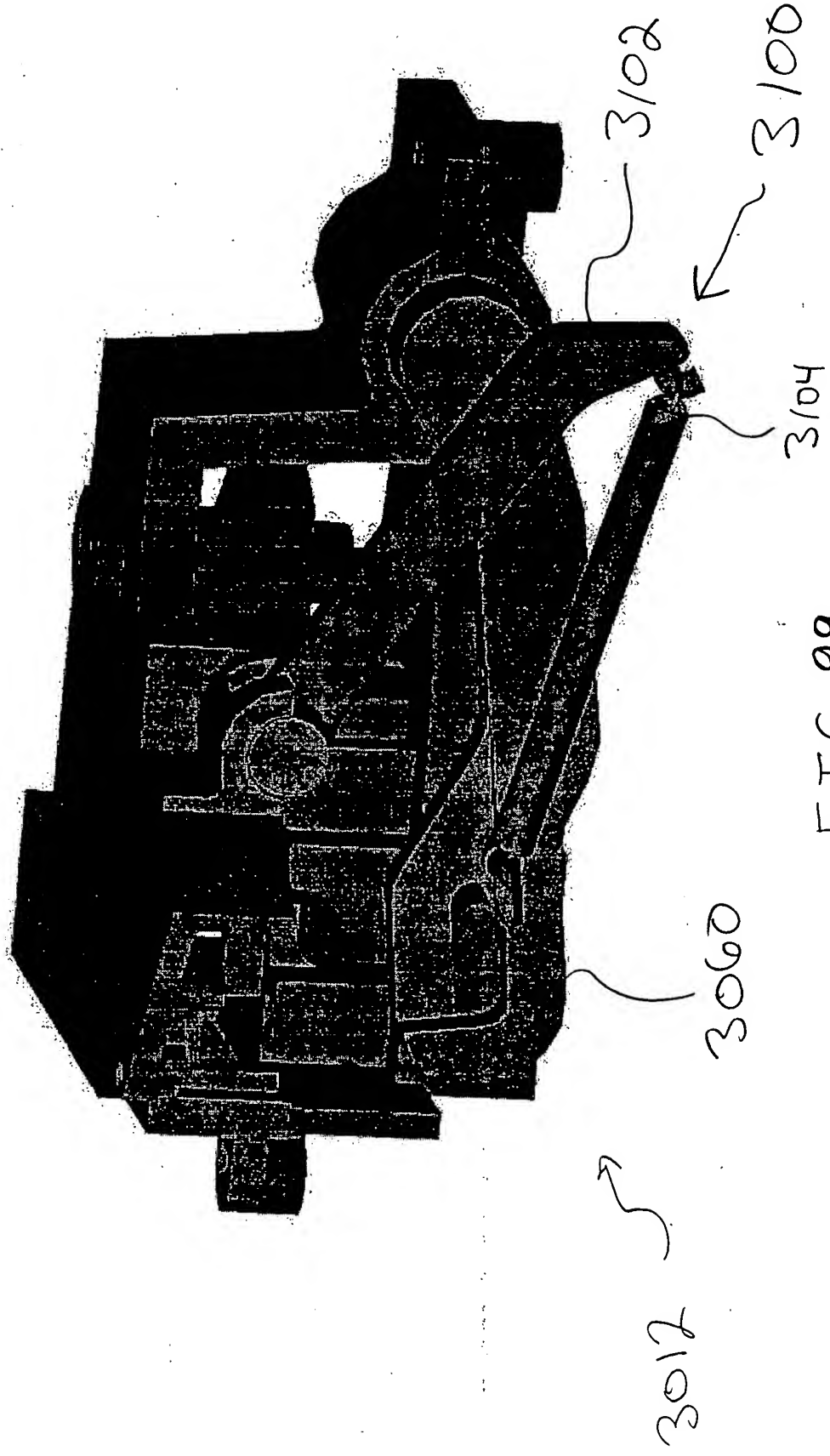


FIG. 29